

Classic Continental

by Arya Akhavan (May 2014)

Angles for R.I. = 1.540

57 + 16 girdles = 73 facets

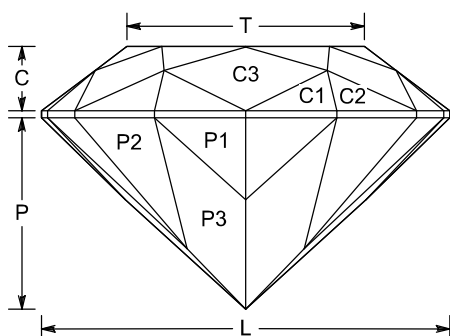
4-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.582 U/W = 0.582

P/W = 0.468 C/W = 0.157

Vol./W³ = 0.246



PAVILION

P1	44.30°	01-23-25-47-49-71-73-95	Cut to centerpoint.
P2	42.50°	05-19-29-43-53-67-77-91	Meet at culet.
G1	90.00°	01-23-25-47-49-71-73-95	Set stone size.
G2	90.00°	05-19-29-43-53-67-77-91	Level girdle.
P3	42.50°	02-22-26-46-50-70-74-94	Meet P1, P2, G1, G2

CROWN

C1	40.00°	01-23-25-47-49-71-73-95	Set girdle width.
C2	40.00°	05-19-29-43-53-67-77-91	Level girdle.
C3	37.00°	96-24-48-72	Meet G1, C1
C4	27.47°	12-36-60-84	Meet G2, C2; C1, C2, C3
C5	21.30°	06-18-30-42-54-66-78-90	Meet C1, C2, C3, C4
T	0.00°	Table	Meet C3, C5; C4, C5

I was looking around, trying to find pictures of what a traditional "Radiant Square" cut was supposed to be, and I saw an outline for an "Old European" cut. I thought it looked nice, so I recreated it and improved it a little. Works in materials from quartz to CZ (RI = 1.54 - 2.16) with no changes, but I prefer it in blue spinel.

Suggested size = 7-12 mm

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